

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,885,442 B1  
 APPLICATION NO. : 09/830393  
 DATED : April 26, 2005  
 INVENTOR(S) : Anton Barty, David Paganin and Keith Nugent

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 9, Line 20, Replace " $(\nabla \perp \emptyset)$ " with --  $(I \nabla \perp \emptyset)$  --

Col. 9, Line 25, Replace " $\partial \Pi \partial z$ " with --  $\partial I / \partial z$  --

Col. 9, Line 26, Replace " $\partial \Pi \partial z$ " with --  $\partial I / \partial z$  --

Col. 9, Line 33, Replace "<sub>195</sub>" with --  $\perp$  --

Col. 9, Line 39, Replace Subscript "<sub>195</sub>" with --  $\perp$  --

Col. 9, Line 42, Delete "  $\emptyset$  "

Col. 11, Line 19, Replace " $(I \perp, I \_)$ " with --  $(I \perp, -I \_)$  --

Col. 12, Line 6, Delete "y" after  $\nabla$

Col. 12, Line 55, Replace " $A_1, A_1, A_3,$ " with --  $A_1, A_2, A_3$  --

Col. 13, Line 27, Replace " $\phi(x, y) = F^{-1} \Omega I / I_0 F^{-1} \Omega F \{ I_{\text{aberrated}}(x, y) - 1 \}$ " with

-- (20) 
$$\phi(x, y) = F^{-1} \Omega F \frac{1}{I_0} F^{-1} \Omega F \{ I_{\text{aberrated}}(x, y) - 1 \} --$$

Col. 15, Line 41, Replace "10" with --  $I_0$  --

Col. 15, Line 46, Replace " $dl/dz$ " with --  $dI/dz$  --

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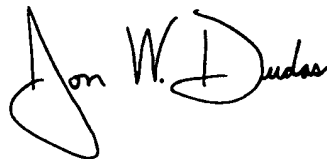
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 15, Line 47, Replace "dl/dz" with -- dI/dz --

Signed and Sealed this

Seventeenth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*